

## Fertile - D14

### Fertile Municipal Airport

Associated City: Fertile, MN

MnDOT Classification: Intermediate Airport

NPIAS Airport: No

#### 2012 State Aviation System Plan Airport Project Needs Summary

| Code          | Project Type               | Recom-<br>mended By |      | COSTS               |                   |                   |
|---------------|----------------------------|---------------------|------|---------------------|-------------------|-------------------|
|               |                            | CIP                 | SASP | Short Term          | Mid Term          | Long Term         |
|               |                            |                     |      | 2012-2015           | 2016-2020         | 2021-2030         |
| CO            | Construction               |                     |      |                     |                   |                   |
|               | Apron (CIP)                |                     |      | -                   | -                 | -                 |
|               | Based Aircraft Apron       |                     |      | -                   | -                 | -                 |
|               | Transient Aircraft Apron   |                     |      | -                   | -                 | -                 |
| DV            | Development Land           |                     |      | -                   | -                 | -                 |
| EX            | Extension/Expansion        |                     |      |                     |                   |                   |
|               | Taxiway                    |                     |      | -                   | -                 | -                 |
| FF            | Fuel Farm Development      |                     |      | -                   | -                 | -                 |
| IM            | Improvements               |                     |      |                     |                   |                   |
|               | Apron Maintenance          | ✓                   |      | 284,734             | 48,128            | 183,509           |
|               | Runway Maintenance         | ✓                   |      | 559,965             | 18,633            | 139,222           |
|               | Taxiway Maintenance        | ✓                   |      | 127,561             | 322               | 22,352            |
|               | Runway Extension/Expansion | ✓                   | ✓    | 372,786             | 292,793           | -                 |
| IN            | Instrument Approach Aid    |                     |      |                     |                   |                   |
|               | ILS                        |                     |      | -                   | -                 | -                 |
|               | FAA ILS Monitoring         |                     |      | -                   | -                 | -                 |
| LI            | Lighting                   |                     |      |                     |                   |                   |
|               | Runway                     | ✓                   | ✓    | 125,000             | -                 | -                 |
|               | Taxiway                    |                     |      | -                   | -                 | -                 |
| MA            | Master Plan                |                     |      |                     |                   |                   |
|               | ALP                        |                     | ✓    | -                   | -                 | 190,000           |
|               | Master Plan                |                     | ✓    | 100,000             | -                 | 100,000           |
|               | Other                      |                     |      | -                   | -                 | -                 |
| MS            | Miscellaneous              |                     |      |                     |                   |                   |
|               | Buildings                  | ✓                   | ✓    | 120,000             | 16,088            | -                 |
|               | Conventional Hangars       |                     |      | -                   | -                 | -                 |
|               | T-Hangars                  |                     |      | -                   | -                 | -                 |
|               | Hangar Site Preparation    |                     |      | -                   | -                 | -                 |
|               | Miscellaneous Equipment    |                     |      | -                   | -                 | -                 |
|               | Snow Removal Equipment     |                     |      | -                   | -                 | -                 |
| OB            | Obstruction Removal        |                     | ✓    | -                   | 126,750           | -                 |
| PA            | Parking                    |                     |      | -                   | -                 | -                 |
| RF            | ARFF Vehicle               |                     |      | -                   | -                 | -                 |
| SE            | Security Improvements      |                     |      |                     |                   |                   |
|               | Fencing                    |                     | ✓    | -                   | 210,912           | -                 |
| SG            | Signs                      |                     |      | -                   | -                 | -                 |
| SZ            | Safety Zone (RPZ)          |                     |      |                     |                   |                   |
|               | Zoning                     |                     |      | -                   | -                 | -                 |
| VI            | Visual Approach Aids       |                     |      |                     |                   |                   |
|               | MALSR                      |                     |      | -                   | -                 | -                 |
|               | ODALS                      |                     |      | -                   | -                 | -                 |
|               | PAPI                       |                     | ✓    | -                   | 110,273           | -                 |
|               | REILS                      |                     | ✓    | -                   | 30,420            | -                 |
|               | Rotating Beacon            |                     |      | -                   | -                 | -                 |
| WX            | Weather Reporting          |                     |      |                     |                   |                   |
|               | AWOS                       |                     |      | -                   | -                 | -                 |
|               | Wind Cone                  |                     |      | -                   | -                 | -                 |
| NW            | New Key Airport            |                     |      | -                   | -                 | -                 |
| O             | Other                      |                     |      | -                   | -                 | -                 |
| <b>TOTALS</b> |                            |                     |      | <b>\$ 1,690,046</b> | <b>\$ 854,318</b> | <b>\$ 635,083</b> |

**20 Year Total Estimated Cost: \$ 3,179,446**

Notes: Data provided is for system planning purposes and shall not be used to justify individual improvement projects.

Project with "✓" in SASP and CIP column identified as need from CIP and system plan. Cost based on higher planned value.

Projects with "✓" in CIP column are not system plan recommendation but are identified as short term need from airport's 2012-2017 CIP from which cost was obtained.

Source: MnDOT Office of Aeronautics 2011 Inventory Survey and Airport Database & HNTB Analysis.